

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Constructions of Cross Drains (CDS) in Ward no 07 Byatarayanapura

		Estimate Cost Rs.						14.00 Lakhs	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(a) / 2.3.5 (P. 5, I.No. 2.3) SR-2014-15								
	C.D.1	Cum	7	8.00	1.80	0.90	90.72		
							90.72	176.04	15970.00
	Basic Rate	163.00							
	@ 8%	13.04							
	Total	176.04							
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of I mix M10 With OPC cement @ 220 Kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. 12, I.No. 4.2) SR-2014-15								
	C.D.1	Cum	7	8.00	1.80	0.15	15.12		
							15.12	5064.12	76569.00
	Basic Rate	4689.00							
	@ 8%	375.12							
	Total	5064.12							
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P. 23, I.No. 5.6) SR-2014-15								
	C.D.1	Cum	7	8.00	0.60	0.60	57.60		
							57.60	3836.16	220963.00
	Basic Rate	3552.00							
	@ 8%	284.16							
	Total	3836.16							
4	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P 15, I.No 4.28) SR-2014-15								
	C.D.1	Sqm	7	8.00	0.60		33.60		
	Side		7	8.00	0.23		12.88		
			7	1.80	0.23		2.90		
							49.38	236.52	11679.00
	Basic Rate	219.00							
	@ 8%	17.52							
	Total	236.52							
5	KProviding and laying cement concrete using 20mm and down size granite jelly of ready								
	C.D.1	Cum	7	8.00	1.80	0.30	30.24		
							30.24	5847.12	176817.00
	Basic Rate	5414.00							
	@ 8%	433.12							
	Total	5847.12							
6	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P. 19, I.No. 4.46) SR-2014-15								

C.D.1	Ton	7	8.00	1.80	0.30	30.24		
						30.24		
			30.24	80.00		2419.20		
						2.40	78351.84	188044.00
Basic Rate	72548.00							
@ 8%	5803.84							
Total	78351.84							
7	KSRB 15.1.3 - do - Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.109.I.No. 15.3) SR-2014-15							
C.D.1	Sqm	7	8.00		0.60	33.60		
						33.60	91.80	3084.00
Basic Rate	85.00							
@ 8%	6.80							
Total	91.80							
8	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading. From 0.00 to 5.00 Km (Page No.141)							
	Cum					139.68		
						730.20		
						869.88	81.00	70460.00
	Basic Rate for haulage of materials as per item							
						12.80		
	Average weight of earth 1.28 tonne/Kg for							
						62.20		
	Add loading and unloading vide item No. 17.1							
						75.00		
	Area Weightage @ 8%							
						6.00		
	Total					81.00		
9	Providing JCB Per DAY Pg no : xxxvi i.no : 23 PWD SR 2014-15							
Basic Rate	6720 PD	60				60.00	6720.00	403200.00
10	Engaging Tracter 50HP Pg no : xxxvii, i.no : 38 PWD SR 2014-15							
	280PhX8	2240						
Basic Rate	Hr PD	50days				50.00	2240.00	112000.00
11	Engaig of Labour Pg no L1V, i.no : 5 PWD SR 2014-15							
Basic Rate	223.93 Pd	90X5	450			450.00	223.93	100769.00
	sub total							1379555.00
12	Third party inspection charges 1%							
								13795.55
13	Miscellaneous							
								6649.45
								Total
								1400000.00

(Rupees Fourteen Lakhs Only)

CERTIFICATE:

- The work spot has been inspected and the work is found necessary.
- This estimate is prepared as per PWD SR of 2014-15.
- The provisions made in this estimate are necessary and adequate.
- This works come under B.B.M.P limits.

Rupees Fourteen lakhs only

Under P-1771

D.K. madhu sudhar
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Registered as EE () No. 3 ...9... Executive Engineer
Subject to conditions con'ed in enclosed memo EE () No. 1139/14-15
Byatarayanapura Division

Dt. 29/10/14
dated Rs 14.00 Lks

Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92.